



STANFORD UNIVERSITY SCHOOL OF MEDICINE

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DEPARTMENT OF CELL BIOLOGY
SHERMAN FAIRCHILD BUILDING

December 21, 1988

Dr. Joshua Lederberg
1230 York Avenue
New York, New York 10021-6399

Dear Josh:

In regard to your proposal for parallel stranded DNA double helices, you will doubtless want to read the paper entitled "Parallel Stranded Duplex DNA" by N.B. Ramsing and T.M. Jovin (**Nucleic Acids Research** 16:6659, 1988). These authors provide evidence for the formation of parallel stranded duplexes with somewhat lower stability than conventional antiparallel DNA. They further show that one DNA-processing enzyme, T4 DNA ligase, fails to act on parallel duplexes. They comment that restriction endonucleases do cut parallel DNA.

With best wishes,

Sincerely,

A handwritten signature in cursive script, appearing to read "Roger".

Roger D. Kornberg

RDk:jjl

cc: Dr. Leighton Read

X ✓ DNA
✓ 1/12/89